

US-PAT-NO: 5672276

DOCUMENT-IDENTIFIER: US 5672276 A

TITLE: Passivated porous polymer supports and methods for  
the preparation and  
use of same

DATE-ISSUED: September 30, 1997

US-CL-CURRENT: 210/635; 210/198.2 ; 210/502.1 ; 210/656 ;  
502/402

APPL-NO: 08/ 720799

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PARENT-CASE:

This is a division of application Ser. No. 08/470,412,  
filed Jun. 6, 1995,  
which issued as U.S. Pat. No. 5,593,576 on Jan. 4, 1997,  
which is a division  
of application Ser. No. 08/254,625, filed Jun. 6, 1994,  
which issued as U.S.  
Pat. No. 5,445,732, on Aug. 29, 1995, which, in turn, is  
a continuation of  
Ser. No. 07/955,935, filed Oct. 5, 1992, now abandoned,  
which, in turn is a  
continuation-in-part of Ser. No. 07/901,326, filed Jun.  
19, 1992, now  
abandoned.

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Detailed Description Text - DETX:

In another embodiment, the polymerization step can take  
place in the presence  
of a pore inducer. The pore inducers of the present  
invention allow  
polymerization to take place without substantially reducing  
the porosity of the  
solid support. Suitable pore inducers, also referred to as

porogens, used in the present invention include but are not limited to polyethylene glycols, polyoxyethylenes, polysaccharides such as dextran, and polar solvents. Polar solvents include those commonly used in chemical synthesis or polymer chemistry and known to those skilled in the art. Suitable polar solvents include alcohols, ketones, tetrahydrofuran, dimethylformamide, and dimethylsulfoxide. Preferred polar solvents are ethanol, methanol, dioxane, and dimethylsulfoxide.